ELSEVIER

Journal of Membrane Science 109 (1996) 289–290

journal of MEMBRANE SCIENCE

Author Index

Anselme, C., 185
Athayde, A.L., 135

Bâty, M., 173
Beaubien, A., 173
Beauvillain, J., 271
Bessières, A., 271
Bhattacharya, P.K., 109

Chen, F.R., 247
Chen, H.F., 247
Cheng, J.-M., 93
Clark, M.M., 185
Clément, R., 65
Coratger, R., 271

Dananić, V., 223
Daniels, R., 135
De, S., 109
Doran, P., 231

Elzo, D., 43

Feng, X., 165
Francoeur, E., 173
Frisch, H.L., 219

Gill, W.N., 205

Hong, J.-M., 149, 159
Houi, D., 43
Huang, R.Y.M., 165

Ishizu, K., 35
Iwade, M., 35

Jang, J., 149, 159
Jeannot, F., 173
Jonquières, A., 65
Joscelyne, S., 43
Jufu, F., 25

Kamaruddin, H.D., 135
Kang, Y.S., 149, 159
Kaštelan-Kunst, L., 223
Kim, U.Y., 149, 159
Kiniwa, H., 35
Kiyohara, S., 87
Koros, B.J., 5
Košutić, K., 223
Kulkarni, A., 205
Kunst, B., 223

Lai, J.-Y., 93
Laurenzi, B.J., 219
Lee, K.-H., 257
Lin, F.-C., 93
Lochon, P., 65
Ly, J.H., 135

Manem, J., 173
Meireles, M., 271
Meiyun, Z., 267
Michaels, A.S., 1
Mukherjee, D., 205

Paterson, R., 231
Petropoulos, J.H., 21
Pinnau, I., 125, 135

Reboiras, M.D., 55
Roizard, D., 65

Saito, K., 87
Sanchez, V., 271
Sasaki, M., 87
Schmitz, P., 43
Shusen, W., 267
Simon, A.M., 231
Sugita, K., 87
Sugo, T., 87
Szpakowska, M., 77

Toy, L.G., 125

Wang, D.-M., 93
Watanabe, J., 35

Wetterau, G.E., 185
Wijmans, J.G., 135

Yeom, C.-K., 257
Yuanli, J., 25

Zhizhong, W., 267
Zihao, W., 25

ELSEVIER

Journal of Membrane Science 109 (1996) 291–292

journal of MEMBRANE SCIENCE

Subject Index

Acetone flux, 87
Activation energy of permeation, 125
Adhesive force, 43
Affinity ligand, 87
L-Amino acid, 87
Asymmetric, 267
Asymmetric membrane formation, 93
Asymmetric membrane preparation, 223
Atomic force microscopy, 271

2,2-Bistrifluoromethyl-4,5-difluoro-1,3-dioxole, 125
Black liquor, 109
Bond graphs, 231
Bulk liquid membranes, 77

Carbon membrane, 267
Cellulose triacetate, 223
Ceramic membrane, 173
Charged mosaic composite membranes, 35
Colloid fouling, 43
Composite membrane, 205
Composite membranes, 247
Concentration polarization, 135
Copolymer, 125
Coupled counter transport, 77
Cross flow, 109
Crosslinking, 247, 257

Design and operation, 173

Electro-osmotic flow, 55
Emulsification, 25
Etching solutions, 205
Ethylene glycol–water mixtures, 247
Ethyltertiarybutylether/ethanol/polyurethaneimide, 65

Facilitated transport, 149, 159
Factorial design, 165
Fixed-site carrier, 149, 159
Flux prediction, 109
Fouling, 173, 185
Four diffusion pathways, 159

Gas flux, 93
Gas transport, 125
Glutaraldehyde, 257

High rejection, 109
Hydrodynamic force, 43
Hydrofluoric acid, 205

Kinetics, 77

Lactic acid, 25
Liquid separation, 165
Liquid surfactant membrane, 25

Membrane, 149, 159
Membrane preparation, 165, 247
Membrane reactors, 173
Membranes, 231
Membrane separation, 267
Modeling, 185
Molecular sieve, 267
Morphology, 93

Network thermodynamics, 231
Nonlinear coupled diffusion, 231

Oxygen permeation, 149, 159

Particle–membrane adhesion, 43
Particle removal, 43
Permeability, 35
Pervaporation, 65, 135, 165, 247, 257
Phase growth, 35
Phenomenological coefficients, 55
PMMA, 93
Polyetherimide, 165
Poly(vinyl alcohol) membranes, 257
Pore diameter, 271
Porosity, 223
Porous membrane, 87
Powdered activated carbon, 185
Pressure fluctuation, 149, 159
PTMSP, 125
PVA/PES, 247

Pyrolysis, 267

Radiation-induced graft polymerization, 87
Recycling and reprocessing, 205
Reverse osmosis, 205, 223

Salicylaldoximes, 77
Scanning tunneling microscopy, 271
Selectivity, 55
Separation processes, 231
Supported liquid membranes, 77
Surface roughness, 271
Surfactant adsorption, 25
Swelling, 25

Teflon AF 2400, 125
Ternary system, 65

Tetrafluoroethylene, 125
Theory, 135
Transport modelling, 65
Transport numbers, 55

Ultrafiltration, 109, 185
Ultrafiltration membrane characterisation, 271

Vapor separation, 125

Water–acetic acid mixtures, 257
Water treatment, 173, 185, 205
Wet phase inversion, 93